

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	254	(239/533.11).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/28 14:45
S2	809	(239/533.12).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/21 17:28
S3	9	("2263197"   "2719055"   "2753217"   "4408722"   "6105879"   "6340017").PN. OR ("7185832"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:29

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S4	95	( "20010017325"   "20020008166"   "20020092929"   "20020144671"   "20020170987"   "20030127540"   "20030127547"   "20030141385"   "20030141387"   "20030173430"   "20030234005"   "20040050976"   "20040060538"   "20040104285"   "20040129806"   "3326191"   "4018387"   "4106702"   "4139158"   "4254915"   "4275845"   "4346848"   "4540126"   "4666088"   "4801095"   "4907748"   "5163621"   "5201806"   "5244154"   "5344081"   "5383597"   "5402943"   "5449114"   "5497947"   "5533482"   "5636796"   "5662277"   "5685485"   "5685491"   "5716001"   "5716009"   "5762272"   "5899390"   "5911366"   "5915352"   "5924634"   "5934571"   "6029913"   "6045063"   "6050507"   "6092743"   "6102299"   "6168094"   "6168095"   "6170763"   "6176441"   "6257496"   "6273349"   "6296199"   "6308901"   "6330981"   "6394367"   "6405945"   "6439482"   "6439484"   "6494388"   "6499674"   "6502769"   "6513724"   "6520145"   "6533197"   "6578778"   "6581574"   "6616072"   "6626381"   "6644565"   "6666388"   "6669103"   "6669116"   "6685112"   "6695229"   "6705274"   "6708904"   "6708905"   "6708907"   "6712037"   "6719223"   "6722340"   "6739525"   "6742727"   "6758420"   "6764033"   "6766969"   "6848636").PN. OR ("7185831").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:32
S5	15	( "2927737"   "4934599"   "5211340"   "5890660"   "6247452"   "6257506").PN. OR ("6666388").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:34
S6	7	( "5033679"   "5890660"   "6427932"   "6546914"   "6565017"   "6666388"   "6669117").PN. OR ("6892965").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:36
S7	8	( "4470548"   "4658824"   "5738283"   "5890660"   "6047905").PN. OR ("6669117").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:37

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S8	15	("2927737"   "4934599"   "5211340"   "5890660"   "6247452"   "6257506").PN. OR ("6666388").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:38
S9	7	("2627254"   "4528951"   "5020500"   "5159911"   "5241935").PN. OR ("6546914").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:39
S10	8	("4273291"   "4417694"   "4934605"   "5743470"   "6062498"   "6186419").PN. OR ("6427932").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:39
S11	7	("5033679"   "5890660"   "6427932"   "6546914"   "6565017"   "6666388"   "6669117").PN. OR ("6892965").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:40
S12	7	("2627254"   "4528951"   "5020500"   "5159911"   "5241935").PN. OR ("6546914").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:42
S13	8	("4273291"   "4417694"   "4934605"   "5743470"   "6062498"   "6186419").PN. OR ("6427932").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:43
S14	12	("4139158"   "4365746"   "4524914"   "5163621"   "5211340").PN. OR ("5743470").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:43
S15	12	("4139158"   "4365746"   "4524914"   "5163621"   "5211340").PN. OR ("5743470").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:55
S16	23	("1952816"   "3980237"   "4153205"   "4470548"   "4528951"   "5033679"   "5110053"   "5725157").PN. OR ("5890660").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:56
S17	9	("3610529"   "3640466"   "4156560"   "4566416"   "5409165"   "5685483").PN. OR ("6247452").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:58
S18	6	("20040055562"   "4382554"   "4407457"   "4857696"   "5899389"   "6338445").PN. OR ("7063272").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 18:04
S19	29	("0347647"   "1690893"   "4284043"   "4356977").PN. OR ("4382554").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 18:05
S20	4	("4382554"   "6338445"   "6513733"   "6520145").PN. OR ("7159799").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 18:07

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S21	20	("4202500"   "4284043"   "4382554"   "4407457"   "4759334"   "5823446"   "5899389").PN. OR ("6338445").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 18:07
S22	19	("20030172910"   "4285471"   "4356976"   "5628293"   "5899389"   "6003497"   "6024297"   "6220528"   "6247450"   "6260775"   "6279840"   "6338445"   "6378503"   "6418914"   "6431469"   "6557779"   "6601566"   "6684854"   "6725838").PN. OR ("6889658").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 18:08
S23	29	("0347647"   "1690893"   "4284043"   "4356977").PN. OR ("4382554"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 18:12
S24	6	("20040055562"   "4382554"   "4407457"   "4857696"   "5899389"   "6338445").PN. OR ("7063272"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 07:46
S25	1036	(239/533.2).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 07:46
S26	24	("4168804"   "4275844"   "5899389").PN. OR ("6378503"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 07:59
S27	4	("20050172935"   "20050274828"   "6378503"   "6810857").PN. OR ("7117842").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 07:59
S28	16	("4151958"   "4202500"   "4284043"   "4382554"   "4407457"   "4658824"   "5899389"   "6338445"   "6378503").PN. OR ("6616070"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 08:01
S29	7	("1834061"   "4151958"   "4202500"   "5899389"   "6024297"   "6616070").PN. OR ("7143964"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 08:01
S30	16	("1834061").URPN.	USPAT	OR	ON	2007/03/22 08:02
S31	20	("4202500"   "4284043"   "4382554"   "4407457"   "4759334"   "5823446"   "5899389").PN. OR ("6338445").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 08:24

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S32	85	kuegler-thomas.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:37
S33	0	ingemar-nylund.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:38
S34	0	nylund-ingemar-\$ .in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:38
S35	5	nylund-ingemar.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:38
S36	24	("1786946"   "1857256"   "4856713").PN. OR ("5199398"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 08:42
S37	817	(123/299).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 08:58
S38	150	(123/304).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 08:43
S39	187362	fuel with inject\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:58

## EAST Search History

S40	6257	S39 and (seal\$3 with seat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:59
S41	21306	S39 and (valv\$3 with seat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 09:00
S42	2322	S40 and needle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 09:02
S43	646	S42 and (inner with valv\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 09:02
S44	628	S42 and (outer with valv\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 09:02
S45	432	S43 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 09:04
S46	2920	S40 and (valv\$3 with member)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 09:03
S47	1059	S42 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 09:03

## EAST Search History

S48	12	("20030057298" "20030173428" "6565017").PN"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 09:11
S49	259	(239/533.4).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 09:11
S50	847	(239/533.3).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 09:11
S51	1275	(239/585.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 09:12
S52	902	(239/88).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/28 15:20
S53	724	boecking-friedrich.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 15:20
S54	14	("1952816"   "2927737"   "4153205"   "4470548"   "5199398"   "5588412"   "5725157"   "5743470"   "5890660"   "6257506"   "6565017"   "6669117").PN. OR ("7128280").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 15:28
S55	12	("4139158"   "4365746"   "4524914"   "5163621"   "5211340").PN. OR ("5743470").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 15:29
S56	14	("1952816"   "2927737"   "4153205"   "4470548"   "5199398"   "5588412"   "5725157"   "5743470"   "5890660"   "6257506"   "6565017"   "6669117").PN. OR ("7128280").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 15:29
S57	14	("1952816").URPN.	USPAT	OR	ON	2007/03/28 15:29